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Product Specifications

Catalogue Number	38485
Product	Mitomycin C from Streptomyces Ametycin
CAS Number	50-07-7
Molecular Formula	C ₁₅ H ₁₈ N ₄ O ₅
Molecular Weight	334.33

Appearance	Blue purple crystal powder
Solubility	To pass test
Crystallinity	To pass test
Water Content (Karl Fisher)	≤ 2.5%
pH	6.0 - 7.5
Residual Solvents	Acetone : ≤ 1000 ppm Methanol : ≤ 3000 ppm Ethyl ether : ≤ 1000 ppm Dichloromethane : ≤ 100 ppm
Related Substances	Impurity A : ≤ 0.5% Mitomycin A : ≤ 0.5% Mitomycin B : ≤ 0.5% Albomitomycin C : ≤ 0.5% Total impurities : ≤ 2% Any other unknown impurity : ≤ 0.5%
Assay	≥ 970 ug/mg (On dry basis)
Grade	suitable for cell culture
Storage	Store at 0 - 8 °C
Additional Information	Identification : To pass test

For Laboratory Use Only